



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
ANNOP MAGNESS :
Serial No.: 09/942,855 :
Filed: August 29, 2001 :
For: COMBINATION LIFTING, :
PLATFORM, HAND TRUCK, :
SCAFFOLD, FLOOR JACK :
AND MECHANICAL CREEPER :

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Examiner: DAVER BRIDGET
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GROUP 360 Group Art
Unit 3618*

Commissioner of Patents and Trademarks
Washington, DC 20231

Dear Sir:

In response to the patent office action date july
15, 2003 please amend this application, as follows:

Amend the title to read:

--MULTIUSE LIFTING AND ROLLING PLATFORM--.

Amendments to the claims:

This listing of claim will replace all prior versions, and
listings, of claim in the application:

Listing of claims:

Claim 1-2 (canceled)

Claim 3 (currently amended): A multiuse platform
—acompprising: a wheeled support assembly
having a lower crossbar, a first pair of scissor legs
connected to said lower crossbar;

a platform frame assembly positioned above
said wheeled support assembly, said platform frame assembly
having a pivoted end, a second pair of scissor legs mounted
to said pivoted end, said platform frame assembly lying on
top of a upper cross bar of said first and second pair of
scissor legs and being pivoted together intermediate their
ends, so that said platform frame assembly is movable

upwardly and downwardly in relation to said
wheeled support assembly;

lift structure connected to said lower cross
bar on said wheeled assembly and to said upper cross bar
for lifting said platform frame assembly with respect to
said wheeled assembly, said lift structure comprising an
upper arm and a lower arm, said upper arm being pivotally

connected to said upper cross bar and said lower arm being pivoted to said lower cross bar, said upper and lower arms being pivoted together;

a lift drive structure connected to said lift structure for raising said platform frame assembly to a desired elevation, said lift drive structure being selected from a group consisting of: a screw thread jack, a telescoping support, a hydraulic cylinder, a hydraulic actuator and a screw actuator;

an extensible structure different from said lift structure having a first end pivotally mounted to said rear end of platform frame and said second end pivotally mounted into said a selected one of said upper cross bar and to said lower cross bar;

a platform having first and second ends and having said first end connected to said extensible structure and said second end pivotally attached to said platform frame assembly to permit angular raising of said

first end of said platform with respect to said platform frame assembly, said platform having a locking assembly thereon, said locking assembly releasibly locking said platform to said platform frame assembly:

said platform frame assembly having one end connected to a support plate locking assembly thereon, said locking assembly releasibly engaging said support plate to

permit releasable locking of said support plate to said platform frame assembly;

 said support plate locking structure being different from said platform frame locking structure and being pivotally connected to a first and second rear end of said support plate.

 said platform having a platform frame assembly, and lower cross bar brackets first pair scissors legs are mounted in an easily detachable manner, by couple by a attached hand crank wheel pusher, pockets, an attached, pusher wheel, at lease one pocket, self locking and support plate channel locking structure, used to permit and detachable to perform a scaffold, a work bucket, a floor jack and a mechanical creeper.

Claim 4 (currently amended): The multiuse platform of claim 3 wherein said platform frame assembly can be vertically or angularly raised and lowered with respect to said wheeled assembly.

—simultaneously vertically and angularly raised.

claim 5 (currently amended): The multiuse platform of claim 3 wherein said lift structure includes only a single lift drive structure which is pivotally connected to said upper and lower arms so that said upper and lower arms can be folded together for compact storage.

Claim 6 (previously presented): The multiuse platform of claim 3 wherein said upper and lower lift arms are pivotally coupled together at one end and the other end of said upper lift arm is pivotally connected to said upper cross bar by a ball joint assembly and said lower lift arm is pivotally connect to said lower cross bar with a ball joint assembly.

Claim 7 (currently amended): the multiuse platform of claim 3 wherein said ~~platform frame lock structures~~ support plate locking assembly includes, bolt, spring, lock, support plate channel.

Claim 8 (currently amended): The multiuse platform of claim 7 wherein said there is a support plate attachment structure on the pivoted end of said platform frame, to lock said support plate in a position at an angle to said platform frame when said support plate is in a hand truck usage position.

Claim 9 (currently amended): The multiuse platform of claim 7 wherein said support plate locking structure includes spring, a stop, slot and rod holder attached to between first and second end of said support plate so that said support plate pivotally mounted on said platform frame so that it can swing from a position where it lies on top of said platform frame locking structure to a position where it hangs down from the end of said platform frame structure, and there is rods between said support plate and said platform frame which locks said support plate with respect to said platform frame at selected angular positions, so that said platform frame to comprise a retractable support plate approach ramp system for joining said platform to an adjacent loading surface.

Claim 10 (currently amended): The multiuse platform of claim 7 wherein said a spring can be compressed to release said support plate lock to release said support plate from said platform frame lock structure.

Claim 11 (currently amended): the multiuse platform of claim 3 wherein said support plate safety lock is pivotally mounted to said truck bed rear end or dock alike is provided said hand truck rotation around safety lock between adjacent loading surface rear end.

~~loading said platform or dock to truck rear end loading platform;~~

claim 12 (currently amended): The multiuse platform of claim 3 wherein said extensible structure comprises first and second members telescopically interengaged and movable into a selected one of a plurality of total length positions and releasably lockable into a selected one of a plurality of positions.

Claim 13 (currently amended): The multiuse platform of claim 12 wherein said platform frame cross bar bracket ~~is provided~~provides a selected oneposition of a plurality of positions, for selected platform frame ~~rotate~~ and ~~angle.~~angular.

Claim 14 (currently amended): The multiuse platform of claim 12 wherein said extensible structure has its upper end pivotally mounted onto said platform frame cross bar and the lower end pivotally connected to said lower cross bar~~wheel support cross bar~~ so that said platform can be raised to angular lift table position and lowered to tilt back hand truck position.

Claim 15 (currently amended): The multiuse platform of claim 12 wherein said extensible structure is

removable from said upper and lower cross bars and said extensible structure is releasably lockable into a selected one of a plurality of positions for selected platform ~~angle~~ and rotation.

Claim 16 (currently amended): The multiuse platform of claim 11 wherein there is extensible structure connected to said upper cross bar and engaging to said platform frame, said platform is in tilted back hand truck position, said support plate is locked by said safety lock to said ~~truck rear end or dock alike adjacent loading surface~~ and when said platform is lower, said platform is folded by pivoting about the top ends of said first pair scissor legs for selective use to perform raising load and the platform it' self to truck bed or dock alike; said adjacent loading surface.

Claim 17 (previously presented): The multiuse platform of claim 12 wherein said extensible structure is pivotally attached to said upper cross bar by means of a removable stop pin through a bracket hole in said upper cross bar so that said extensible structure can support said upper cross bar or rotate to folded position below said platform for use as a hand truck .

Claim 18 (canceled)

Claim 19 (currently amended): The multiuse platform of claim 3 wherein said there is a first and second pair of extend and reinforce legs structure associated with the lower end of each of said first and second pair of scissor legs so that said extend and reinforce legs ~~cross bar wheels~~ respectively on said first and second pairs of scissor legs can be moved away from said pivots between said scissor legs.

Claim 20-21 (canceled)

Claim 22 (currently amended): The multiuse platform of claim 3 further including lock structure on said first and second pair of scissor legs so that said first and second pair of extend and reinforce legs can

~~be extended and releasably lockable to first and second pair scissor legs.~~ of scissor legs.

Claim 23 (currently present): The multiuse platform of claim 3 wherein said extend and reinforce legs structure can be extended included extend and reinforce legs structure comprises wheels cross bar assembly and cross bar support assembly at lease some of said floor engaging structure.

Claim 24-25 (canceled)

Claim 26 (currently amended): multiuse platform of claim 3 wherein said ~~hand crank wheel pusher or electric wheel pusher~~ pusher wheel is pivotally detachable to said ~~rear~~ lower cross bar bracket when said platform and said support plate in lower to the floor level provided force to sliding said support plate below ~~load or stag of boxes alike.~~ load.

Claim 27 (canceled)

Claim 28 (previously presented): The multiuse platform of claim 3 wherein said stepladder and scaffold include a removable rail attached into a support pocket in said platform to act as an anti-falling device.

Claim 29 (currently amended): The multiuse platform of claim 328 wherein said stepladder and scaffold include a removable stepladder attached to an upper support said pocket in said platform and a support plate channel in said platform for selective use for performing work at a high elevation and for raising a load and worker.

Claim 30 (currently amended): The multiuse platform of claim 329 wherein said platform and said scaffold can be utilized for high elevation tilting unloading or loading.

Claim 31-34 (canceled)

Claim 35 (currently amended): The multiuse platform of 16 platform of claim 3 wherein said tilt back hand truck is configured to pick up load and unload and operate from the ground by step on cross bar or by lift drive.

while operating from the ground by stepping on the cross bar.

claim 36 (currently amended): The multiuse platform of claim 40 wherein said reinforce legs can be insert to scissor legs set pass the multiuse platform of

claim 3 wherein said reinforced legs can be inserted into scissor legs to shift the center gravity of the load protect from to prevent the platform roll over and for tilting. and tilting.

claim 37. (currently amended): The multiuse platform of claim 3 wherein said scissor legs are tubular and said first pair and second pair of scissor are legs pivoted together outside of said the tube of said tubular legs on pivot pins so that said extend and reinforce legs reinforce legs can be inserted in or remove from can be slideable into of said tubular legsspace for reinforcing said tubular legs.

Claim 38 (currently amended): The multiuse platform of claim 3 wherein there is are first and second pair of reinforce legs structure associated with the lower end of each of said first and second pair of scissor legs so that said extend and reinforce legs and cross bar respectively on said first and second pairs of scissor legs can be inserted for heavy lifting and removed for reduced weight when portable used.

Claim 39 (currently amended): the multiuse platform of claim 18 wherein said reinforce legs structure claim 3 wherein said extend and reinforce legs are

releasably lockable to the wheels cross bar~~wheels~~ [assembly and cross bar assembly.

Claim 40 (currently amended): The multiuse platform of claim 3 wherein said work bucket is configured to load and unload and for high elevation tilting and dumping.

Claim 41 (currently amended): The multiuse platform of claim 3 wherein said extensible structure has its upper end pivotally mounted ~~3~~ wherein said extensible structure has its upper end pivotally mounted onto said platform cross bar and its lower end pivotally connected to said upper cross bar and second pairs of scissor legs so that said platformmechanic 's creeper can be angularly raised by a remote control or manually hand crank when use as use a mechanic, s creeper.

Claim 42 (currently amended): The multiuse platform of claim 31 wherein said extensible structure has its upper end pivotally mounted on the platform cross bar and into ~~mount~~ on to platform cross bar and lower end pivotally mounted on ~~to~~the upper cross bar second pair and second pairs of scissor legs so that said floor jack can be configured to loader unload parts at on angle aligned by raising said platform.

Claim 43 (currently amended): The multiuse platform of claim 163 wherein said support plate safety lock structure ~~being~~is selected from a group consisting of a foot control lock, a remote control, a vise grip lock, a wire pulling lock and automatic self locking alike.

Claim 44 (not entered)

Claim 45 (currently amended): The multiuse platform ~~of~~3 claim ~~wherein~~said of claim 3 wherein all combination are well relate can be complete ~~operation~~can operate with load on whenwhile converting to any combination. other of said combinations.



Respectfully submitted,

ANNOP MAGNESS
Inventor/Applicant

Claim 17 (previously presented): The multiuse platform of Claim 12 wherein said extensible structure is pivotally attached to said upper cross bar by means of a removable stop pin through a bracket hole in said upper cross bar so that said extensible structure can support said upper cross bar or rotate to folded position below said platform for use as a hand truck .

Claim 18 (canceled)

Claim 19 (currently amended): the multiuse platform of claim 3 wherein there is first and second pair of extend and reinforce legs ~~said there is telescoping~~ structure associated with the lower end of each of said first and second pair of scissor legs so that said extend and reinforce legs ~~cross bar wheels~~ respectively on said first and second pairs of scissor legs can be moved away from said pivots between said scissor legs.

Claim 20-21 (canceled)

Claim 22 (currently amended): The multiuse platform of claim 3 further including telescoping lock structure on said first and second pair of scissor legs so that said first and second pair of extend and reinforce legs can be extended and extended.

~~releasably lockable to first and second pair scissor legs.~~

Claim 23 (currently amended) : ~~The multiuse platform of claim 3 wherein said extend and reinforce legs~~
The multiuse platform of 3 wherein said telescoping structure can be extended included extend and reinforce legs structure comprises wheels cross bar assembly and cross bar support assembly at lease some of said floor engaging structure.

Claim 24-25 (canceled)

Claim 26 (currently amended): ~~the multiuse platform of claim 3 wherein said hand crank wheel pusher or electric wheel pusher~~
pusher wheel is pivotally detachable to said rear lower cross bar bracket when said platform and said support plate in lower to the floor level provided force to sliding said support plate below load or stag of boxes alike. ~~load.~~

Claim 27 (canceled)

Claim 28 (previously presented): ~~The multiuse platform of claim 3 wherein said stepladder and scaffold include a removable rail attached into a support pocket in said platform to act as an anti-falling device.~~